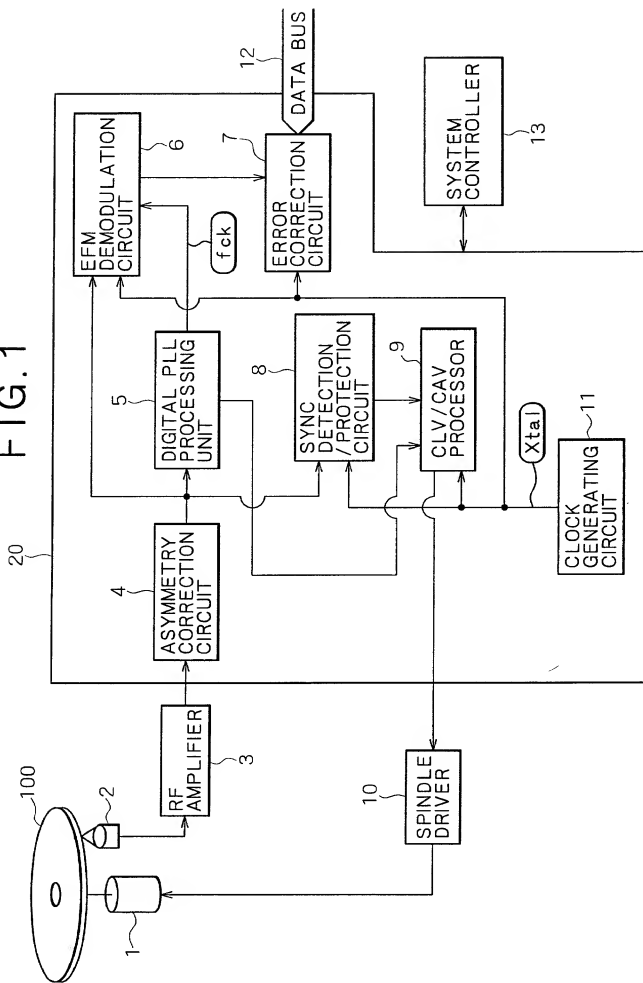


[illegible]

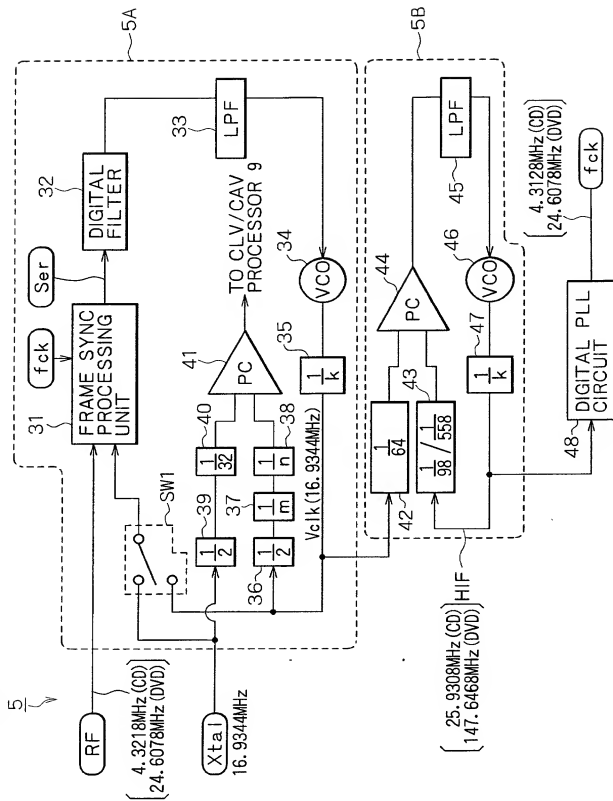
[illegible]

FIG. 3

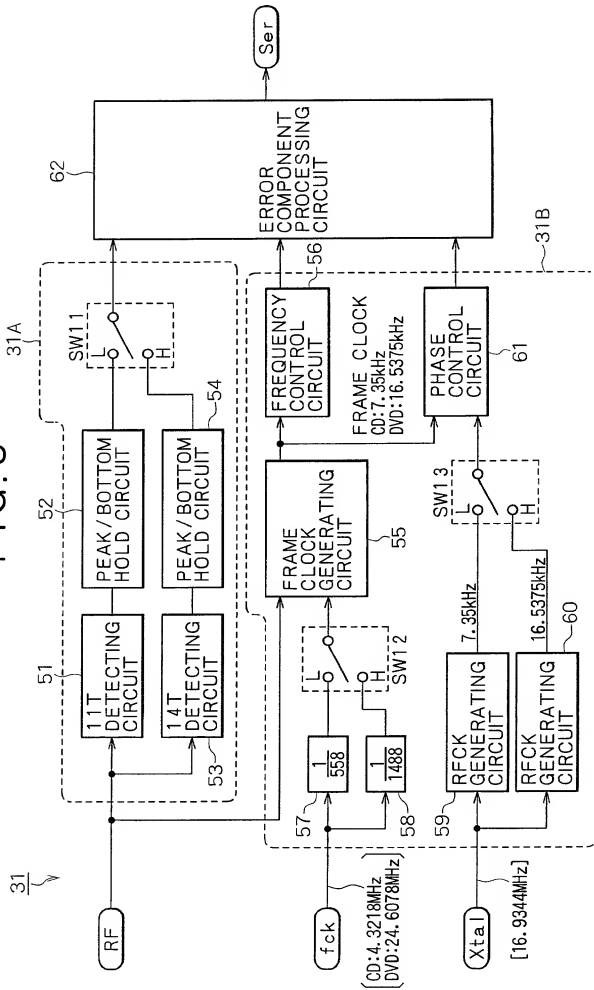


FIG. 4

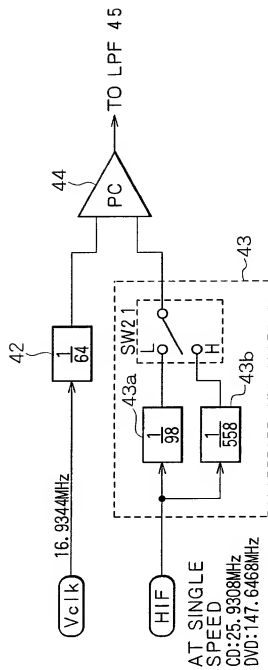


FIG. 5A

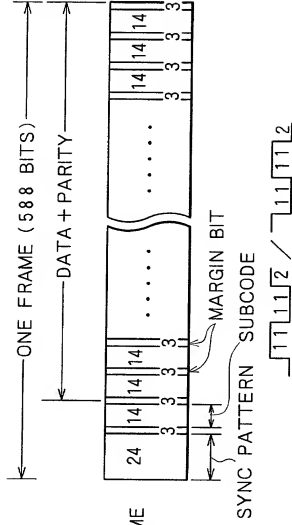
CD FRAME
FORMAT

FIG. 5B

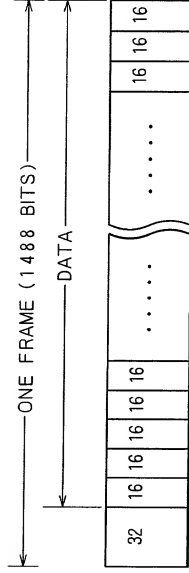
DVD FRAME
FORMAT

FIG. 6

		(MSB)	(LSB)
State1	SY0	0001001001000100	0000000000010001
	SY1	0000010000000100	0000000000010001
	SY2	0001000000000100	0000000000010001
	SY3	0000100000000100	0000000000010001
	SY4	0010000000000100	0000000000010001
	SY5	0010001001000100	0000000000010001
	SY6	0010010010000100	0000000000010001
	SY7	0010010001000100	0000000000010001
State2	SY0	0001001000000100	0000000000010001
	SY1	0000010001000100	0000000000010001
	SY2	0001000001000100	0000000000010001
	SY3	0000100001000100	0000000000010001
	SY4	0010000001000100	0000000000010001
	SY5	0010001000000100	0000000000010001
	SY6	0010000010000100	0000000000010001
	SY7	0010010000000100	0000000000010001
State3	SY0	1001001000000100	0000000000010001
	SY1	1000010001000100	0000000000010001
	SY2	1001000001000100	0000000000010001
	SY3	1000001001000100	0000000000010001
	SY4	1000100001000100	0000000000010001
	SY5	1000100100000100	0000000000010001
	SY6	1001000010000100	0000000000010001
	SY7	1000100010000100	0000000000010001
State4	SY0	1001001001000100	0000000000010001
	SY1	1000010000000100	0000000000010001
	SY2	1001000000000100	0000000000010001
	SY3	1000001000000100	0000000000010001
	SY4	1000100000000100	0000000000010001
	SY5	1000000100000100	0000000000010001
	SY6	1000000001000100	0000000000010001
	SY7	1000000010000100	0000000000010001

FIXED PATTERN
OF 14T + 4T

FIG.7

CD	RF SIGNAL PATTERN	3T~11T
	CHANNEL CLOCK FREQUENCY (fck)	4.3218MHz
	SYNC FRAME LENGTH (Tsync)	588T
	SYNC FRAME FREQUENCY (fsync)	7.35kHz
	SYNC CODE PATTERN	FIXED PATTERN OF 11T+11T+2T
	Xtal	16.9344MHz
	CHANNEL CLOCK GENERATION REFERENCE SIGNAL	16.9344MHz±α
DVD	RF SIGNAL PATTERN	3T~11T, 14T
	CHANNEL CLOCK FREQUENCY (fck)	26.16MHz
	SYNC FRAME LENGTH (Tsync)	1488T
	SYNC FRAME FREQUENCY (fsync)	ABOUT 17.58kHz
	SYNC CODE PATTERN	32T PATTERN INCLUDING 14T+4T (32 TYPES)
	Xtal	16.9344MHz
	CHANNEL CLOCK GENERATION REFERENCE SIGNAL	16.9344MHz±α

FIG. 8

$m \times n$	P_{s1}	P_{s2}
33	1.0312	0.970
34	1.0625	0.999
35	1.0938	1.029
36	1.1250	1.058

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